EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER

58105414

PUBLICATION DATE

23-06-83

APPLICATION DATE

16-12-81

APPLICATION NUMBER

56204402

APPLICANT: MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR:

AMANO YOSHINORI:

INT.CL.

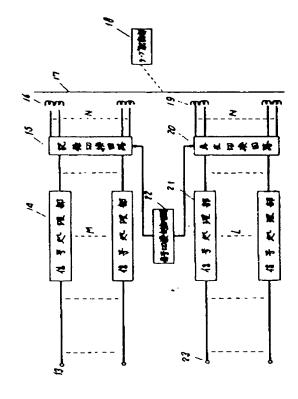
G11B 5/09

TITLE

MULTI-CHANNEL DIGITAL

RECORDING AND REPRODUCING

DEVICE



ABSTRACT: PURPOSE: To realize a compact and light-weight design for the titled device, by providing a means of select a prescribed number of the recording and reproducing heads in accordance with the maximum number of channels which are simultaneously recorded and reproduced.

> CONSTITUTION: The number of signal processing parts is limited to the number of channels needed for the simultaneous recording, and a recording head 16 and the total number of channels needed for recording are prepared. At the same time, a reproducing head 19 is prepared in the total number of channels equivalent to the head 16. A reproducing signal processing part 21 is provided in a number equivalent to the channels to be simultaneously recorded. Then N>M and N>L are defined, where N is the number of total channels to be recorded, M is the number of channels to be recorded simultaneously and L is the number of channels to be simultaneously reproduced respectively. The input signal is supplied through an input terminal 13 and processed at a recording signal processing part 14, and the channels to be recorded through a recording switch circuit 15 are set by a command given from a signal switch control circuit 22. In this case, S<M is satisfied if the input signal is referred to as S. A reproduction switch circuit 20 feeds the reproducing signal to the part 21 from the head 19 by a command given from the circuit 22.

COPYRIGHT: (C)1983, JPO& Japio